



When: May 15<sup>th</sup>, 2018 (1.30pm – 4.30pm)

Where: Codebase, 8 Corn Exchange, Stirling, FK8 2HU. (7 mins walk from Stirling Train Station, which has frequent 50-minute journeys from Edinburgh stations)

Cost: Free. However, spaces are limited and will be allocated on a ‘first come first served’ basis.

To register please email [johnny@caspianspsychology.com](mailto:johnny@caspianspsychology.com)

A talk entitled ‘*The Gamification of Process Safety*’ will be presented at this years’ Hazard 28 conference in Edinburgh by Angus Keddie on May 16th. If this is a topic of interest for you why not come along to this workshop where you will have the opportunity to experience two computer-based process safety engagement activities:

1. **FILL IT UP (by Caspian Psychology)** – A team game where two teams work together to complete a digital task that involves processing 8 cylinders of gas. During this activity the teams will analyse the strengths and weaknesses of the barriers in the process using bow-tie analysis and consider how human factors issues will be managed during the process. The decisions they make will impact what occurs during the task and they will have to resolve the issues that occur. The team to process the 8 cylinders in the quickest time wins! See a video about the game [here](#).
2. **PSM CBT (by Process Safety Matters)** – Based on the Human Factor section of our renowned Process Safety Management Fundamentals course, developed for and presented to RasGas’ Front Line Supervisors, the program combines power-point slides, videos and Turning Point polling applying a modular approach to enables trainees to learn at their own time and pace. Gamification tenets of Accomplishment, Relatedness and Feedback are engendered by judicious use of multiple choice questions, immediate answers and peer comparison.

This workshop will be facilitated by Johnny Mitchell of Caspian Psychology and Angus Keddie of Process Safety Matters.

**Johnny Mitchell** BA(Hons) MSc CPsychol AFBPsS, Director of Caspian Psychology - Johnny is a registered Occupational Psychologist with over 12 years’ experience in human factors, safety culture & psychological health. Johnny has been involved with developing and implementing many successful human factors products and tools and has a unique interest and experience in using games to enhance learning.



**Angus Keddie** BSc (Hons) MBA FICHEM EURLNG, Director of Process Safety Matters - Angus is a Chemical Engineer who has spent much of his career to date supporting the international manufacturing industry. Over the last 6 years, he has led over 100 multi-stakeholder, complex technical risk reviews, such as HAZOP, HAZID, LOPA, SIL, SIMOPs and PSA. Based on this experience, he has developed and presented several Process Safety Training courses and an associated interactive computer based demonstration model.

